



2826

YAO-4324US

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: K. Koga ✓ : Art Unit: 2826
Serial No.: 09/622,734 ✓ : Examiner: J. Mondt
Filed: November 27, 2000 ✓
For: FIELD-EMISSION
ELECTRON SOURCE

#9/B
Ctrl to Draft
Amend
J. McCulligan
8/20/02
RECEIVED
AUG 22 2002
TECHNOLOGY CENTER 2800

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

S I R :

Responsive to the Office Action dated May 22, 2002, please amend
the above-identified application as follows:

DRAWINGS:

Amend Figures 8A, 8B and 9 as indicated in red on the marked-up
copies of Figures 8A, 8B and 9 attached herewith.

CLAIMS:

Please replace claims 1, 4 and 5 with the following amended claims:

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1. (As Amended) A field emission type electron source device
comprising:
a field emission electron source portion including an extraction
electrode provided on a p-type silicon substrate via an insulating film and having
an opening portion at a position corresponding to a region where a cathode is
provided; and a cathode portion provided on the p-type silicon substrate and at a
position corresponding to the opening portion of the extraction electrode; and